NEVADA EXCELLENCE IN MINE RECLAMATION AWARDS

• Awards Program began in 1991

• Purpose: “to recognize and share examples of successes in the areas of reclamation, closure, planning, and wildlife protection and enhancement in Nevada”

• Qualifications for an award:
  • Excellent mitigation of the environmental impacts of mineral industry activity
  • Work efforts which go above and beyond what is mandated
  • Worthy examples to share with others in the industry

• Awards require unanimous approval from Committee
2020 Nomination Review Team:

- Brian Amme, BLM
- Daniel Atkinson, BLM/NDEP-BMRR
- Susan Elliott, USFS
- Dominique Etchegoyhen, DCNR
- Matt Maples, NDOW
- Kelly McGowan, SEP
- Joe Sawyer, NDEP-BMRR
- Mike Visher, NDOM
Nevada Excellence in Mine Reclamation Award

KGHM Robinson Mine
Lane City Waste Rock Facility
White Pine County

Award Category:
Legacy Waste Rock Remediation
KGHM Robinson Mine
Lane City Waste Rock Facility

- Legacy mine feature
- Created 1950s - 1978
- Predates NV reclamation regulations
- Identified as potential source of contamination to groundwater and adjacent creek
KGHM Robinson Mine
Lane City Waste Rock Facility

- Reclamation included:
  - Regrading slopes to 2.5:1
  - Addition of limestone as buffering agent
  - Construction of new stormwater pond and rip-raps to keep sediment from reaching creek
  - Covering surface with growth media and seed
KGHM Robinson Mine
Lane City Waste Rock Facility

Middle section, prior to seeding

March 2020
KGHM Robinson Mine
Lane City Waste Rock Facility
Addition of cover material

West End – March 2020
This project is an excellent example of a mine operator’s commitment to protection of the environment and remediation of a legacy feature for the protection of the community in which it operates.
Accepting the award for KGHM Robinson Mine:

Frederick Partey, Manager
Environmental Resources
Nevada Excellence in Mine Reclamation

Hudbay Minerals/
Mason Resources (US) Inc.
Mason Exploration Project
Lyon County

Award Category:
Concurrent Exploration Reclamation

Letter of Recommendation From:
Matt Donaldson, NDEP-BMRR
Concurrent reclamation during 10+ years of the project’s exploration has allowed it stay well below its permitted disturbance of 50 acres.

Mason Resources: Mason Exploration Project

- Detailed maps
- Tracking of reclamation status
- Photo documentation

Disturbed and Reclaimed Acreage Summary Table

<table>
<thead>
<tr>
<th>Effective Date</th>
<th>Bonded Acres Disturbed</th>
<th>Bonded Acres Reclaimed, but not released</th>
<th>Total Acres Released</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-Jan</td>
<td>4.9</td>
<td>0.0</td>
<td>0.0</td>
<td>distressed acres rolled over from previous NOI.</td>
</tr>
<tr>
<td>2011-Feb</td>
<td>8.7</td>
<td>0.0</td>
<td>0.0</td>
<td>Initial Plan Level Drilling related disturbance.</td>
</tr>
<tr>
<td>2012-Jun</td>
<td>5.8</td>
<td>12.9</td>
<td>0.0</td>
<td>New disturbances followed by first phase of major reclamation.</td>
</tr>
<tr>
<td>2013-Jun</td>
<td>7.5</td>
<td>12.9</td>
<td>0.0</td>
<td>New disturbances.</td>
</tr>
<tr>
<td>2014-Jun</td>
<td>7.5</td>
<td>12.9</td>
<td>0.0</td>
<td>New disturbances in fall 2014. Some previously reclaimed sites were re-occupied.</td>
</tr>
<tr>
<td>2015-Jun</td>
<td>13.3</td>
<td>11.3</td>
<td>0.0</td>
<td>Major phase of reclamation in Fall 2016.</td>
</tr>
<tr>
<td>2016-Jun</td>
<td>13.3</td>
<td>11.3</td>
<td>0.0</td>
<td>7.7 acres related to 40 sites and associated roads released.</td>
</tr>
<tr>
<td>2017-Dec</td>
<td>4.3</td>
<td>20.3</td>
<td>0.0</td>
<td>Additional 10.2 acres released. New 2.3 acres of disturbances created and reclaimed in same year. Third phase of reclamation totaling 4.4 acres.</td>
</tr>
<tr>
<td>2018-Dec</td>
<td>5.1</td>
<td>12.8</td>
<td>7.7</td>
<td></td>
</tr>
<tr>
<td>2019-Dec</td>
<td>2.9</td>
<td>7.0</td>
<td>17.9</td>
<td></td>
</tr>
</tbody>
</table>
Mason Resources: Mason Exploration Project

Examples of successful concurrent reclamation:

Site BH-10-006
Disturbed 2010
Reclaimed 2012
Released 2017
Mason Resources: Mason Exploration Project
Example of successful concurrent reclamation:

Site AM-14-060
Disturbed 2014
Reclaimed 2016
Released 2019
Mason Resources:
Mason Exploration Project - 2019 Activity

Drill site location (HBM-002)

Drill pad 2019 prior to reclamation

Post reclamation 2019 (earthwork, scarification, and seeding)
Mason Resources:
Mason Exploration Project – 2019 Activity

Drill site location (HBM-003)

Drill pad 2019 prior to reclamation

Post reclamation 2019
(earthwork, scarification, and seeding)
Mason Resources
Mason Exploration Project

- This project exemplifies the best management practice of concurrent reclamation to minimize the environmental impacts associated with permitted surface disturbance.
Accepting the award for Mason Resources (US) Inc.:

Matthew Cunningham, Exploration Manager
On behalf of the Awards Committee, thank you to all that submitted nominations and congratulations to our award winners.

Next year’s submissions are due by July 9, 2021